Microplate Reader
IMR-7000(100-/50Hz)



Microplate Reader IMR-7000 is suitable for End-point , Fixed-time , Kinetic function. An 8-channel manifolds as standard accessories for use with standard 96 wells plates. Covers the absorbance range 0 to 4.000Abs with bandwidth 8±2nm and measured quickly, which is significantly faster than other current microplate reader methods. End Point, fixed time, Kinetic make the IMR-7000 the best platform for any clinical, biotechnology research and pharmaceutical laboratory applications. Can stored up to 100 programs and 10000 test records in a single unit. Maintain all important measuring parameters including ABS, Cut-Off, Single Standard, Curve, Multi-Percent, Percent Log, Linear, Exponential, Power, and 4PL Regression. A multi-mode reader has several benefits for laboratories applications ranging from ELISAs to nucleic acid and protein quantitation to cell imaging. Together with multiple microplate services and detection modes into a single, more versatile unit may be an ideal choice especially if you have limited area and performed 12 assays in a single plate.

Technical Specification:

Microplate Instrument	Microplate Reader
Model	IMR-7000
Absorbance Range	0 to 4.0000 Abs
Optical Path	8-channel
Accuracy	±2 nm
Resolution	0.001Abs (displayed) , 0.0001Abs (calculated)
Light Source	Halogen lamp 6V/19W
Optical filter	405nm, 450nm, 492nm, 630nm, (3 filters optional)
Plate Types	Standard with 96-well or other kind of microplate and strip
Function	End-point , Fixed-time , Kinetic
Display	7-inch LCD
Storage	100 programs and 10000 sample
Interface	USB port , LAN , SD card slot , RS-232
Dimensions	425 x310x215 mm
Weight	12 kg
Electrical Requirement	AC100-/50Hz
Catalogue No.	420400501

Technical Data:

Model	IMR-7000	
Absorbance Range	0 to 4.0000 Abs	
Test Performance	12 different in single plate	
Optical Path	8-channel	
Wavelength Accuracy	±2 nm	
Resolution	0.001Abs (displayed) , 0.0001Abs (calculated)	
Light Source	Halogen lamp 6V/19W	
Band width	8±2 nm	
Optical filter	405nm, 450nm, 492nm, 630nm, (3 filters optional)	
Plate Types	Standard with 96-well or other kind of microplate and strip	
Function	End-point , Fixed-time , Kinetic	
Reading Speed	5 seconds for 96-well plate (single wavelength)	
Shaking	Shaking time and speed adjustable	
Printer	Internal thermal printer , external printer optional	
Display	7-inch LCD	
Applications	ABS, Cut-off , Multi-percent, Percent log, Linear, Exponential, Index, 4PL Regression, etc .	
Storage	100 programs and 10000 sample	
Interface	USB port , LAN , SD card slot , RS-232	
Dimensions	425 x310x215 mm	
Weight	12 kg	
Electrical Requirement	AC100-/50Hz,	240V/60Hz
Catalogue No.	420400501	420400502



Iris Analytical Ltd.

66 W Flagler St #900 Miami, Florida 33130 United States